



TEST REPORT

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Results of Tests on brick Conducted in accordance with ASTM C 67-16 Standard Test Methods for Sampling and

Testing Brick and Structural Clay Tile

06/01/2017

Name:	Glen-Gery Corporation PO Box 306 Marseilles , IL 61341	Plant:	Marseilles	*Temperature: 60 - 90F
Phone:	610-562-3076	Report Number:	GGMS-1389	*Humidity: 30% - 70%
Fax:	610-562-2084	Received Date:	05/05/2017	
		Sampled Date:	04/25/2017	
		Lot:	04711DA	
		Product Code:	73606100	

Sample Description: **Marseilles Clay/Shale w/Additives Extruded**

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	4.19	4.21	5.16	4.20	4.30	4.41	05/09/2017
5 Hour Submersion in Boiling Water (%)	4.32	4.56	5.98	4.35	4.47	4.74	
Saturation Coefficient (Ratio of 24H to 5H)	0.97	0.92	0.86	0.97	0.96	0.94	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	18,740	16,059	14,624	16,802	15,435	16,332	05/09/2017
<i>MPa</i>	129.2	110.7	100.8	115.8	106.4	112.6	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		05/24/2017
IRA (Oven Dried Method)	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	8.5	7.0	5.8	10.2	7.5	7.8	05/16/2017

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

ASTM C 216 - 16 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW, with absorption alternate in section 7.1.2

ASTM C 32 - 13 Standard Specification for Sewer and Manhole Brick (Made From Clay or Shale)
Grade: SM, SS / MM, MS, with absorption alternate in Section 5.1

ASTM C 62 - 13a Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW, NW, with absorption alternate in section 5.1.2

CAN/CSA-A82-06 Fired masonry brick made from clay or shale
Grade: EG

Michael Walker, Quality Manager

**The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH
The results shown above apply only to the samples tested, which are provided by the customer.
This test report shall not be reproduced except in full, without written approval of the laboratory.*